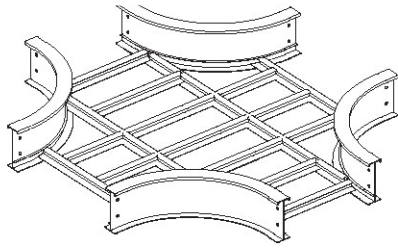
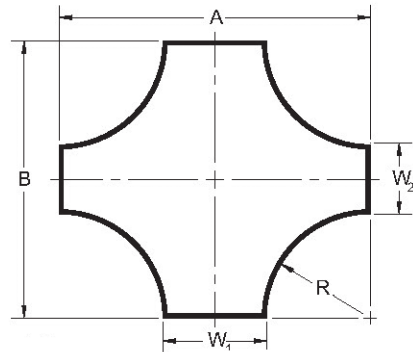


HORIZONTAL CROSS



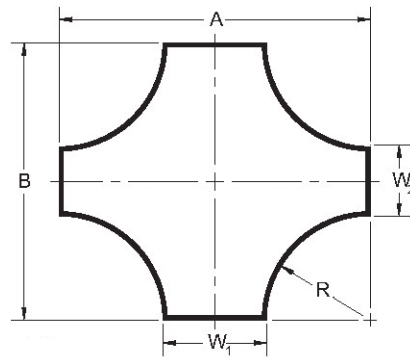
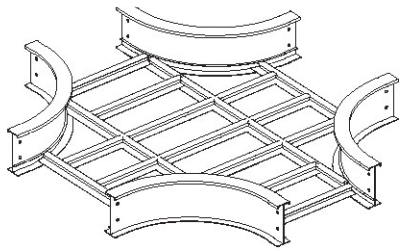
To complete catalogue number insert the appropriate prefixes (2) in place of asterisks.



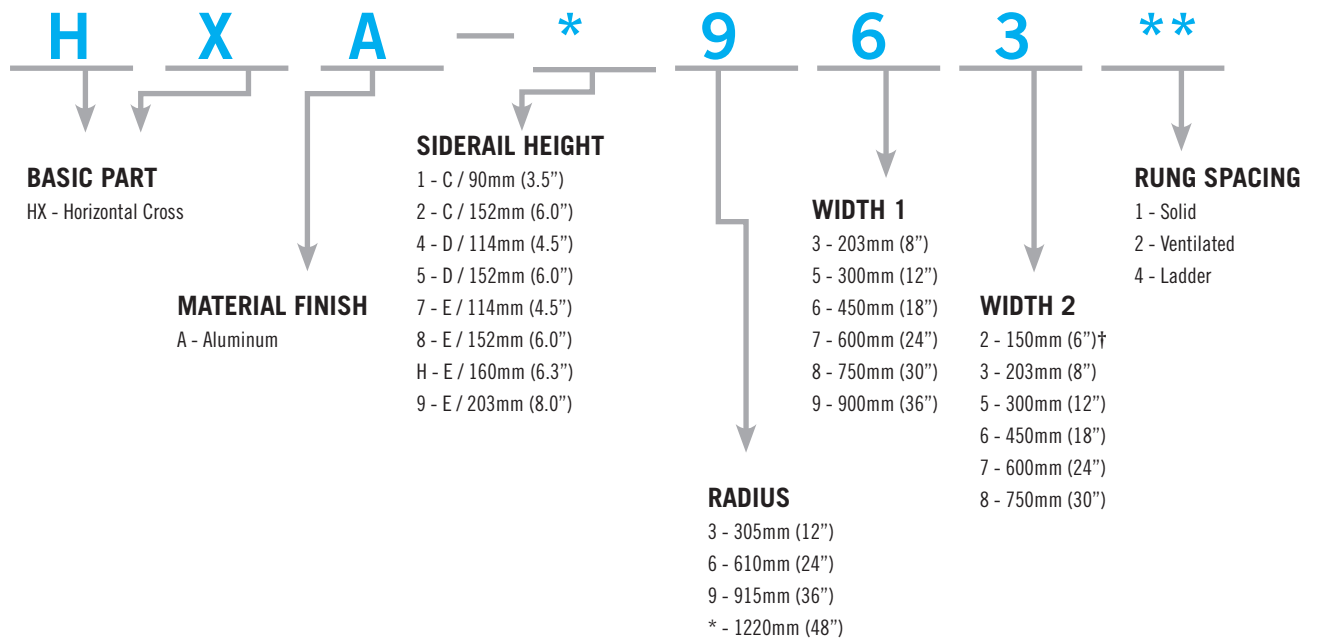
H	X	A	*	9	5	5	**
BASIC PART	MATERIAL FINISH	SIDERAIL HEIGHT	RADIUS	WIDTH 1	WIDTH 2	RUNG SPACING	
HX - Horizontal Cross	A - Aluminum	1 - C / 90mm (3.5") 2 - C / 152mm (6.0") 4 - D / 114mm (4.5") 5 - D / 152mm (6.0") 7 - E / 114mm (4.5") 8 - E / 152mm (6.0") H - E / 160mm (6.3") 9 - E / 203mm (8.0")	3 - 305mm (12") 6 - 610mm (24") 9 - 915mm (36") * - 1220mm (48")	2 - 150mm (6") 3 - 203mm (8") 5 - 300mm (12") 6 - 450mm (18") 7 - 600mm (24") 8 - 750mm (30") 9 - 900mm (36")	2 - 150mm (6") 3 - 203mm (8") 5 - 300mm (12") 6 - 450mm (18") 7 - 600mm (24") 8 - 750mm (30") 9 - 900mm (36")	1 - Solid 2 - Ventilated 4 - Ladder	

BEND RADIUS		TRAY WIDTH				CATALOGUE #	DIMENSIONS - ALL SIDERAIL HEIGHTS 90mm-203mm			
R		W1		W2			A		B	
mm	(in)	mm	(in)	mm	(in)		mm	(in)	mm	(in)
305mm	(12")	150	(6)	150	(6)	HTA-(*)322(**)	760	(29.9)	760	(29.9)
		203	(8)	203	(8)	HTA-(*)333(**)	813	(32.0)	813	(32.0)
		300	(12)	300	(12)	HTA-(*)355(**)	910	(35.8)	910	(35.8)
		450	(18)	450	(18)	HTA-(*)366(**)	1060	(41.7)	1060	(41.7)
		600	(24)	600	(24)	HTA-(*)377(**)	1210	(47.6)	1210	(47.6)
		750	(30)	750	(30)	HTA-(*)388(**)	1360	(53.5)	1360	(53.5)
		900	(36)	900	(36)	HTA-(*)399(**)	1510	(59.4)	1510	(59.4)
610mm	(24")	150	(6)	150	(6)	HTA-(*)622(**)	1370	(53.9)	1370	(53.9)
		203	(8)	203	(8)	HTA-(*)633(**)	1423	(56.0)	1423	(56.)
		300	(12)	300	(12)	HTA-(*)655(**)	1520	(59.8)	1520	(59.8)
		450	(18)	450	(18)	HTA-(*)666(**)	1670	(65.7)	1670	(65.7)
		600	(24)	600	(24)	HTA-(*)677(**)	1820	(71.7)	1820	(71.7)
		750	(30)	750	(30)	HTA-(*)688(**)	1970	(77.6)	1970	(77.6)
		900	(36)	900	(36)	HTA-(*)699(**)	2120	(83.5)	2120	(83.5)
915mm	(36")	150	(6)	150	(6)	HTA-(*)922(**)	1980	(78.0)	1980	(78.0)
		203	(8)	203	(8)	HTA-(*)933(**)	2033	(80.0)	2033	(80.0)
		300	(12)	300	(12)	HTA-(*)955(**)	2130	(83.9)	2130	(83.9)
		450	(18)	450	(18)	HTA-(*)966(**)	2280	(89.8)	2280	(89.8)
		600	(24)	600	(24)	HTA-(*)977(**)	2430	(95.7)	2430	(95.7)
		750	(30)	750	(30)	HTA-(*)988(**)	2580	(101.6)	2580	(101.6)
		900	(36)	900	(36)	HTA-(*)999(**)	2730	(107.5)	2730	(107.5)
1220mm	(48")	150	(6)	150	(6)	HXA-(*)22(**)	2590	(102.0)	2590	(102.0)
		203	(8)	203	(8)	HXA-(*)33(**)	2643	(104.1)	2643	(104.1)
		300	(12)	300	(12)	HXA-(*)55(**)	2740	(107.9)	2740	(107.9)
		450	(18)	450	(18)	HXA-(*)66(**)	2890	(113.8)	2890	(113.8)
		600	(24)	600	(24)	HXA-(*)77(**)	3040	(119.7)	3040	(119.7)
		750	(30)	750	(30)	HXA-(*)88(**)	3190	(125.6)	3190	(125.6)
		900	(36)	900	(36)	HXA-(*)99(**)	3340	(131.5)	3340	(131.5)

HORIZONTAL EXPANDING / REDUCING CROSS



To complete catalogue number insert the appropriate prefixes (2) in place of asterisks.



† - Not available in 9 series.

See Next / Opposite Page For Ordering Information.

HORIZONTAL EXPANDING / REDUCING CROSS

TRAY WIDTH			305mm / 12" RADIUS				610mm / 24" RADIUS				915mm / 36" RADIUS				1220mm / 48" RADIUS								
W1	W2	CATALOGUE #	A		B		CATALOGUE #	A		B		CATALOGUE #	A		B		CATALOGUE #	A		B			
			mm	(in)	mm	(in)		mm	(in)	mm	(in)		mm	(in)	mm	(in)		mm	(in)	mm	(in)	mm	(in)
203	(8)	150	(6)	HXA-(*)332(**)	813	(32.0)	760	(29.9)	HXA-(*)632(**)	1423	(56.0)	1370	(53.9)	HXA-(*)932(**)	2033	(80.4)	1980	(78.0)	HXA-(*)32(**)	2643	(104.1)	2590	(102.0)
300	(12)	150	(6)	HXA-(*)352(**)	910	(35.8)	760	(29.9)	HXA-(*)652(**)	1520	(59.8)	1370	(53.9)	HXA-(*)952(**)	2130	(83.9)	1980	(78.0)	HXA-(*)32(**)	2740	(107.9)	2590	(102.0)
300	(12)	203	(8)	HXA-(*)353(**)	910	(35.8)	813	(32.0)	HXA-(*)653(**)	1520	(59.8)	1423	(56.0)	HXA-(*)953(**)	2130	(83.9)	2033	(80.4)	HXA-(*)33(**)	2740	(107.9)	2643	(104.1)
450	(18)	150	(6)	HXA-(*)362(**)	1060	(41.7)	760	(29.9)	HXA-(*)662(**)	1670	(65.7)	1370	(53.9)	HXA-(*)962(**)	2280	(89.8)	1980	(78.0)	HXA-(*)32(**)	2890	(113.8)	2590	(102.0)
450	(18)	203	(8)	HXA-(*)363(**)	1060	(41.7)	813	(32.0)	HXA-(*)663(**)	1670	(65.7)	1423	(56.0)	HXA-(*)963(**)	2280	(89.8)	2033	(80.4)	HXA-(*)33(**)	2890	(113.8)	2643	(104.1)
450	(18)	300	(12)	HXA-(*)365(**)	1060	(41.7)	910	(35.8)	HXA-(*)665(**)	1670	(65.7)	1520	(59.8)	HXA-(*)965(**)	2280	(89.8)	2130	(83.9)	HXA-(*)35(**)	2890	(113.8)	2740	(107.9)
600	(24)	150	(6)	HXA-(*)372(**)	1210	(47.6)	760	(29.9)	HXA-(*)672(**)	1820	(71.7)	1370	(53.9)	HXA-(*)972(**)	2430	(95.7)	1980	(78.0)	HXA-(*)32(**)	3040	(119.7)	2590	(102.0)
600	(24)	203	(8)	HXA-(*)373(**)	1210	(47.6)	813	(32.0)	HXA-(*)673(**)	1820	(71.7)	1423	(56.0)	HXA-(*)974(**)	2430	(95.7)	2033	(80.4)	HXA-(*)33(**)	3040	(119.7)	2643	(104.1)
600	(24)	300	(12)	HXA-(*)375(**)	1210	(47.6)	910	(35.8)	HXA-(*)675(**)	1820	(71.7)	1520	(59.8)	HXA-(*)975(**)	2430	(95.7)	2130	(83.9)	HXA-(*)35(**)	3040	(119.7)	2740	(107.9)
600	(24)	450	(18)	HXA-(*)376(**)	1210	(47.6)	1060	(41.7)	HXA-(*)676(**)	1820	(71.7)	1670	(65.7)	HXA-(*)976(**)	2430	(95.7)	2280	(89.8)	HXA-(*)36(**)	3040	(119.7)	2890	(113.8)
750	(30)	150	(6)	HXA-(*)382(**)	1360	(53.5)	760	(29.9)	HXA-(*)682(**)	1970	(77.6)	1370	(53.9)	HXA-(*)982(**)	2580	(101.6)	1980	(78.0)	HXA-(*)32(**)	3190	(125.6)	2590	(102.0)
750	(30)	203	(8)	HXA-(*)383(**)	1360	(53.5)	813	(32.0)	HXA-(*)683(**)	1970	(77.6)	1423	(56.0)	HXA-(*)983(**)	2580	(101.6)	2033	(80.4)	HXA-(*)33(**)	3190	(125.6)	2643	(104.1)
750	(30)	300	(12)	HXA-(*)385(**)	1360	(53.5)	910	(35.8)	HXA-(*)685(**)	1970	(77.6)	1520	(59.8)	HXA-(*)985(**)	2580	(101.6)	2130	(83.9)	HXA-(*)35(**)	3190	(125.6)	2740	(107.9)
750	(30)	450	(18)	HXA-(*)386(**)	1360	(53.5)	1060	(41.7)	HXA-(*)686(**)	1970	(77.6)	1670	(65.7)	HXA-(*)986(**)	2580	(101.6)	2280	(89.8)	HXA-(*)36(**)	3190	(125.6)	2890	(113.8)
750	(30)	600	(24)	HXA-(*)387(**)	1360	(53.5)	1210	(47.6)	HXA-(*)687(**)	1970	(77.6)	1820	(71.7)	HXA-(*)987(**)	2580	(101.6)	2430	(95.7)	HXA-(*)37(**)	3190	(125.6)	3040	(119.7)
900	(36)	150	(6)	HXA-(*)392(**)	1510	(59.4)	760	(29.9)	HXA-(*)692(**)	2120	(83.5)	1370	(53.9)	HXA-(*)992(**)	2730	(107.5)	1980	(78.0)	HXA-(*)32(**)	3340	(131.5)	2590	(102.0)
900	(36)	203	(8)	HXA-(*)393(**)	1510	(59.4)	813	(32.0)	HXA-(*)693(**)	2120	(83.5)	1423	(56.0)	HXA-(*)993(**)	2730	(107.5)	2033	(80.4)	HXA-(*)33(**)	3340	(131.5)	2643	(104.1)
900	(36)	300	(12)	HXA-(*)395(**)	1510	(59.4)	910	(35.8)	HXA-(*)695(**)	2120	(83.5)	1520	(59.8)	HXA-(*)995(**)	2730	(107.5)	2130	(83.9)	HXA-(*)35(**)	3340	(131.5)	2740	(107.9)
900	(36)	450	(18)	HXA-(*)396(**)	1510	(59.4)	1060	(41.7)	HXA-(*)696(**)	2120	(83.5)	1670	(65.7)	HXA-(*)996(**)	2730	(107.5)	2280	(89.8)	HXA-(*)36(**)	3340	(131.5)	2890	(113.8)
900	(36)	600	(24)	HXA-(*)397(**)	1510	(59.4)	1210	(47.6)	HXA-(*)697(**)	2120	(83.5)	1820	(71.7)	HXA-(*)997(**)	2730	(107.5)	2430	(95.7)	HXA-(*)37(**)	3340	(131.5)	3040	(119.7)
900	(36)	750	(30)	HXA-(*)398(**)	1510	(59.4)	1360	(53.5)	HXA-(*)698(**)	2120	(83.5)	1970	(77.6)	HXA-(*)998(**)	2730	(107.5)	2580	(101.6)	HXA-(*)38(**)	3340	(131.5)	3190	(125.6)